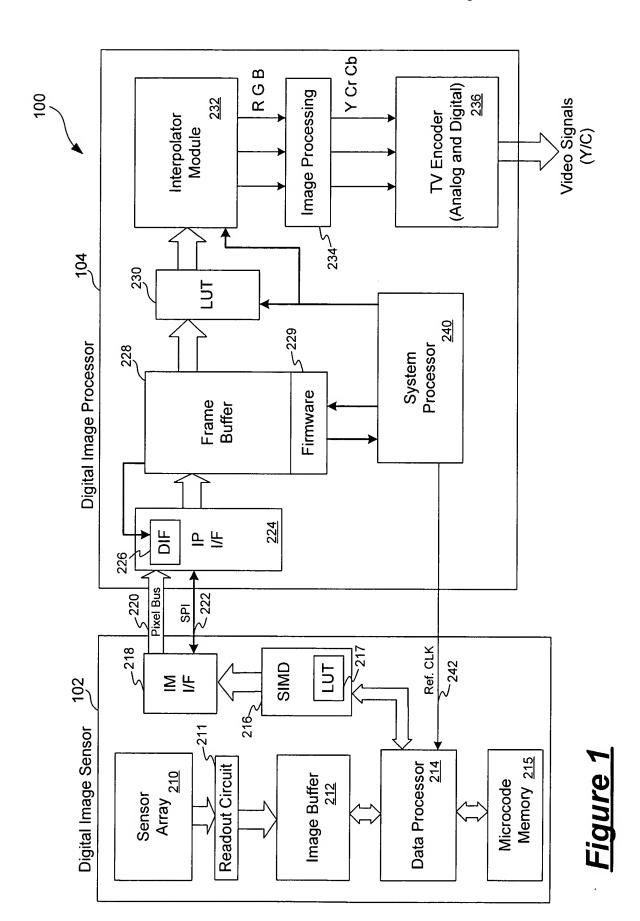
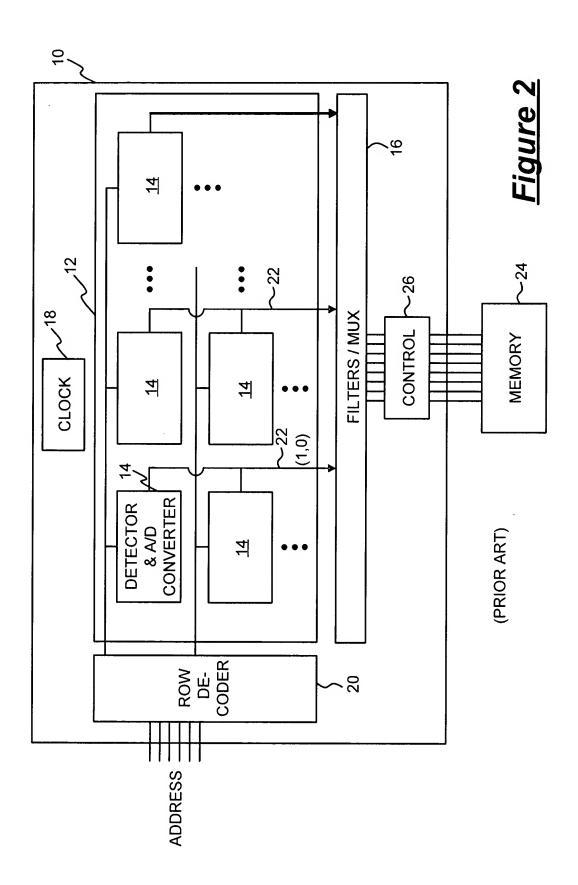
Title: Video Imaging System Including A Digital Image Sensor and A Digital Signal Processor

Inventor: Michael Frank et al. Attorney Docket No: PIX-P-033

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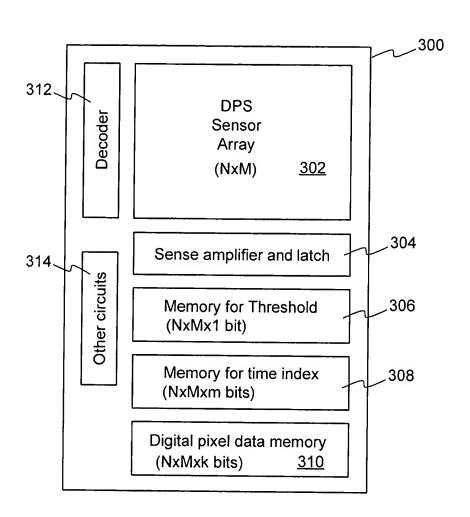


Figure 3

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Sensor Array overlaid with Bayer pattern

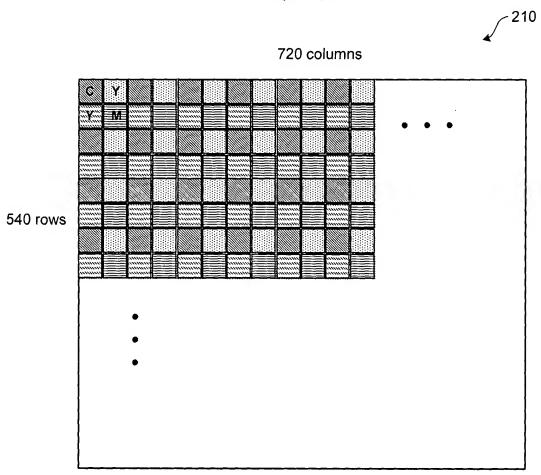
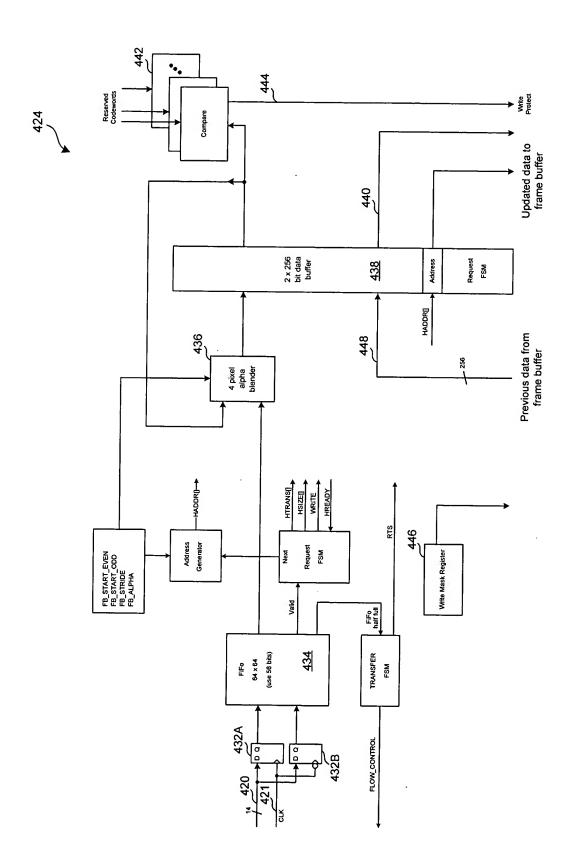


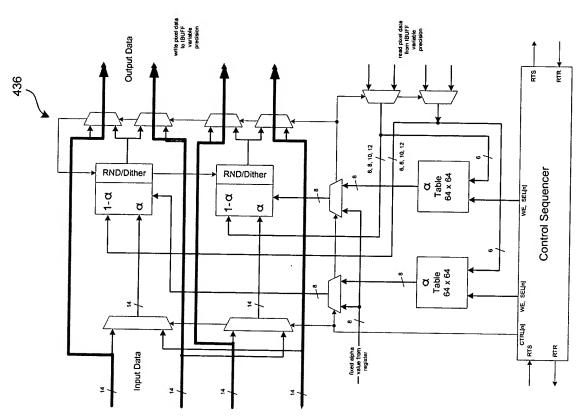
Figure 4

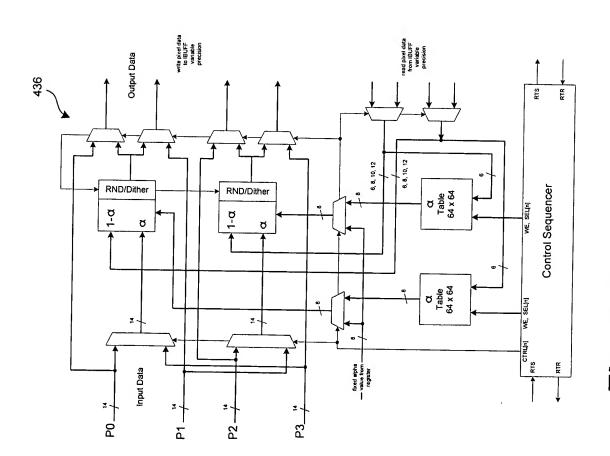
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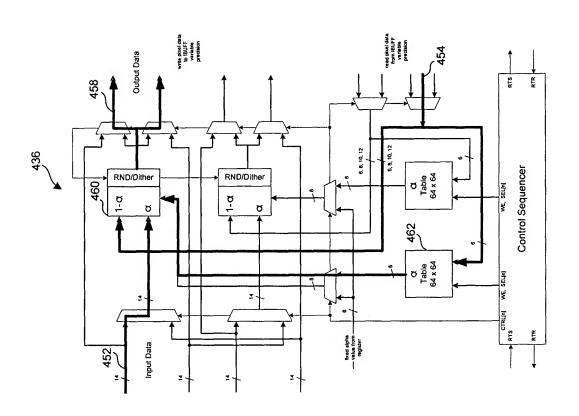
Title: Video Imaging System Including A Digital Image Sensor and A Digital Signal Processor
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write pixel data to IBUFF variable precision Output Data RTR Control Sequencer RND/Dither RND/Dither α Table 64 x 64 8 ರ α Table 64 x 64 ž ~ RTR Input Data

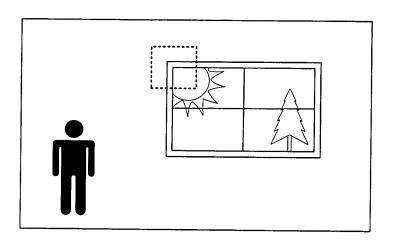
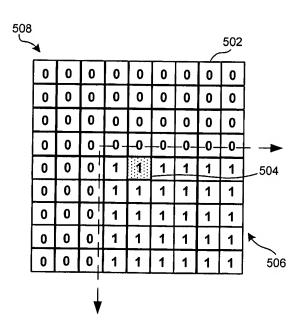


Figure 10



Blending Mask								510
.2	.2	.2	.2	.2	.2	.2	.2	.2
.2	1	1	1	1	1	1	1	.2
.2	1	2	2	2	2	2	1	.2
.2	1	2	4	4	4	2	1	.2
.2	1	2	4	8	4	2	1	.2
.2	1	2	4	4	4	2	1	.2
.2	1	2	2	2	2	2	1	.2
.2	1	1	1	1	1	1	1	.2
.2	.2	.2	.2	.2	.2	.2	.2	.2

Figure 13

Figure 14

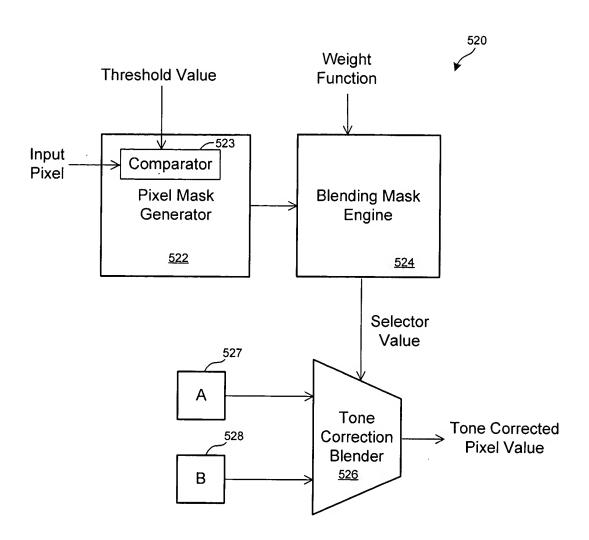


Figure 11

